

2.3.2 Teachers use ICT enabled tools for effective teaching-learning process.

ICT tools empower both teachers and learners. They transform the teaching and learning processes from being highly teacher-dominated to becoming student-centric and this transformation results in increased learning gains for students, creating and allowing for opportunities for learners. In addition, they are cost-efficient and eliminate the usage of paper. Alongside minimizing cost, they also save time during class lectures enabling swift and dynamic transmission of content. They provide access to dynamic teaching and learning methods and facilitate easy student management. ICT is a powerful tool for educational change and reform. Appropriate use of ICT has helped the college raise the interest levels amongst the students and has helped connect learning to real-life situations. Students enjoy while learning and perform better.

Besides the chalk and talk method of teaching, the college makes intensive use of ICT-enabled tools, including online resources for effective teaching and learning process. The faculty use ICT-enabled classrooms with LCD projectors, Wi-Fi connectivity, software, PowerPoint presentations developed by teachers to expose the students to advanced knowledge and practical learning. The college is 'going green' and saving paper through the extensive use of ICT resources and other computing and storage facilities such as Cloud based Google Drive. The faculty uses different methods of teaching based on the need of the learners and the subject taught. They use conventional methods like lecturing, which is teacher centered and other methods which are interactive, collaborative and ICT enabled such as Microsoft Teams, Google Classroom. The institution is also using the IT enabled learning tools such as PPT, Video clippings, animations, video demonstrations from online sources apart from providing reading materials and lab manuals through emails and other methods for effective teaching-learning process. Apart from having a well-equipped ICT lab with internet facility, the students are provided with laptops to easily carry on their research and project work.

Projectors are installed in classrooms to incorporate new pedagogies in the teaching-learning process. Printing facility is available in all the labs. The students and faculty make use of email, group mails, and social networking tools for instantaneous communication and information dissemination.